

 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: DCA10RA013		Aircraft Registration Number: Z-BAV	
		Occurrence Date: 11/28/2009		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: Foreign	
Location/Time					
Nearest City/Place Shanghai		State	Zip Code	Local Time 0816	Time Zone UTC
Airport Proximity: On Airport/Airstrip		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer MCDONNELL DOUGLAS		Model/Series MD11/F		Type of Aircraft Airplane	
Revenue Sightseeing Flight:			Air Medical Transport Flight:		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On November 28, 2009, at 0816 local time, a Boeing/McDonnell Douglas MD-11, manufacturer serial number 48408, Zimbabwe registration Z-BAV, operated by Avient Aviation, crashed on takeoff from runway 35L at Pudong airport, Shanghai, China. The airplane was destroyed by fire and impact forces. There were 3 fatalities and 4 serious injuries among the seven crew members aboard the cargo flight. The accident is being investigated by the CAAC of China.</p> <p>Updated on Mar 9 2010 9:39AM</p>					
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<b>Landing Facility/Approach Information</b>						
Airport Name Pudong Shanghai		Airport ID: ZSPD	Airport Elevation Ft. MSL	Runway Used 35L	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Approach/Arrival Flown: NONE						
VFR Approach/Landing: None						
<b>Aircraft Information</b>						
Aircraft Manufacturer MCDONNELL DOUGLAS		Model/Series MD11/F		Serial Number 48408		
Airworthiness Certificate(s): Transport						
Landing Gear Type: Retractable - Tricycle						
Amateur Built Acft?	Number of Seats:	Certified Max Gross Wt. LBS		Number of Engines: 3		
Engine Type:	Engine Manufacturer:		Model/Series:	Rated Power:		
<b>- Aircraft Inspection Information</b>						
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection Hours		Airframe Total Time Hours		
<b>- Emergency Locator Transmitter (ELT) Information</b>						
ELT Installed?/Type	ELT Operated?	ELT Aided in Locating Accident Site?				
<b>Owner/Operator Information</b>						
Registered Aircraft Owner Avient Aviation		Street Address				
		City	State	Zip Code		
Operator of Aircraft Avient Aviation		Street Address				
		City	State	Zip Code		
Operator Does Business As:			Operator Designator Code:			
<b>- Type of U.S. Certificate(s) Held: None</b>						
Air Carrier Operating Certificate(s):						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Non-U.S., Commercial						
Type of Flight Operation Conducted: Scheduled; International; Cargo						
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		Occurrence Type: Accident								
<b>First Pilot Information</b>										
Name			City		State					
Sex:	Seat Occupied:	Occupational Pilot?		Certificate Number:						
Certificate(s):										
Airplane Rating(s):										
Rotorcraft/Glider/LTA:										
Instrument Rating(s):										
Instructor Rating(s):										
Current Biennial Flight Review?										
Medical Cert.:		Medical Cert. Status:		Date of Last Medical Exam:						
<b>- Flight Time Matrix</b>	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual	Instrument Simulated	Rotorcraft	Glider	Lighter Than Air
Total Time										
Pilot In Command(PIC)										
Instructor										
Instruction Received										
Last 90 Days										
Last 30 Days										
Last 24 Hours										
Seatbelt Used?		Shoulder Harness Used?			Toxicology Performed?		Second Pilot? Yes			
<b>Flight Plan/Itinerary</b>										
Type of Flight Plan Filed:										
Departure Point					State	Airport Identifier		Departure Time		Time Zone
Destination					State	Airport Identifier				
Type of Clearance:										
Type of Airspace:										
<b>Weather Information</b>										
Source of Wx Information:										
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<b>Weather Information</b>					
WOF ID	Observation Time	Time Zone	WOF Elevation <div style="text-align: center;">Ft. MSL</div>	WOF Distance From Accident Site <div style="text-align: center;">NM</div>	Direction From Accident Site <div style="text-align: center;">Deg. Mag.</div>
Sky/Lowest Cloud Condition:			Ft. AGL	Condition of Light:	
Lowest Ceiling:			Ft. AGL	Visibility: SM	Altimeter: "Hg
Temperature: °C	Dew Point: °C	Weather Conditions at Accident Site:			
Wind Direction:	Wind Speed:	Wind Gusts:			
Visibility (RVR): Ft.	Visibility (RVV) SM				
Precip and/or Obscuration:					


  

<b>Accident Information</b>					
Aircraft Damage: Destroyed		Aircraft Fire: Unknown		Aircraft Explosion: None	

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot		1			1	
Second Pilot		1			1	
Student Pilot						
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew	3	2			5	
Passengers						
- TOTAL ABOARD -	3	4			7	
Other Ground						
- GRAND TOTAL -	3	4			7	



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Administrative Information		
Investigator-In-Charge (IIC) William R. English		
Additional Persons Participating in This Accident/Incident Investigation:		
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